NOAA Ocean Satellite Data Course
March 13-15, 2012
Coastal Services Center, Charleston, SC

Instructors

David G. Foley   NOAA/NMFS/SWFSC/ERD and U. Hawaii/JIMAR
Elliott Hazen   NOAA/NMFS/SWFSC/ERD
Cara Wilson   NOAA/NMFS/SWFSC/ERD

Agenda

Tuesday, Mar. 13, 2012   Morning

9:00   Introduction to the course - objectives and logistics – *Cara Wilson*
9:15   Group Introductions
9:30   Overview of ocean remote sensing, Visible and IR specifics – *Cara Wilson*

11:00   Break

11:15   Passive & active microwave: SST, altimetry, scatterometry specifics –*Dave Foley*

12:00   Lunch

Tuesday, Mar. 13, 2012   Afternoon

12:45   Satellite applications within Fisheries and Marine Sanctuaries – *Cara Wilson*
1:15   Where, when, which and how of satellite data usage? – *Dave Foley*
2:15   Intro to ERD's data services (satellite browser and ERDDAP) – *Dave Foley*
3:00   Intro to the ArcGIS 'EDC' – *Elliott Hazen*

Wednesday, Mar. 14, 2012

8:30-10:00   Data extraction with R – *Dave Foley*

10:00-10:30   Break

10:30-12:00   Sample Application: 'MGET' – *Elliott Hazen*

12:00-1:00   Lunch.

1:00   Work on projects

Thursday, Mar. 15, 2012

8:30-11:30   Continue on projects
11:30-12:00   Wrap-up discussion

- Class Over! -